

ABSTRACT

A UNIVERSAL SOFTWARE APPLICATION

In the present invention, a computer program product comprises
5 computer executable code for building software applications, the computer
program including a model execution application implementing a meta-model
(1) which is adapted to be populated with user inputs to generate one or more
models (3, 6-8). The model execution application also includes a predefined
infrastructure model (5). The program is adapted to populate the meta-model
10 (1) with data (17) input by a user to generate a model (11) and subsequently
associate said model (3) with the predefined infrastructure model (5) by
populating the infrastructure model with implementation data (13) associated
with said model so as to define an executable specific software application. In
the preferred embodiment, the infrastructure model (5) is defined in terms of
15 the same meta-model (1). The meta-model (1) is preferably structured as a
number of concepts, each concept having a number of properties, and one or
more relationships between the properties of one or more of the concepts, in
which the relationships are defined as a concept within the meta-model (1).

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